

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) Tube for conveying fluids, comprising a plurality of concentric layers (2), an inner layer (3) constituting a conduit (3a) for a fluid to be conveyed, and at least an outer layer (5) for protection and reinforcement, mounted externally to said inner layer (3), wherein characterised in that said inner layer (3) is mainly made from a fluoridated polymer chosen between MFA and PFA, said fluoridated polymer being also pigmented; and wherein the inner layer is roughened by means of at least partial defluorination of the surface on which the outer layer is mounted.

2. (Currently amended) Tube as claimed in claim 1 characterised in that wherein said inner layer (3) is pigmented white.

3. (Currently amended) Tube as claimed in claim 1 wherein the tube characterised in that it further comprises at least an adhesive (6) interposed between the outer layer (5) and the inner layer (3).

4. (Currently amended) Tube as claimed in claim 2 ~~characterised in that it~~ wherein the tube further comprises at least an adhesive (6) interposed between the outer layer (5) and the inner layer (3).

5. (Currently amended) Tube as claimed in claim 1, ~~characterised in that it~~ wherein the tube comprises a plurality of concentric outer layers (2).

6. (Currently amended) Tube as claimed in claim 5 wherein ~~characterised in that~~ at least one of said outer layers (2) is constituted by a metallic reinforcing spiral.

7. (Currently amended) Tube as claimed in claim 5 wherein ~~characterised in that~~ at least one of said layers (2) is conductive.

8. (Currently amended) Tube as claimed in claim 2, wherein the tube ~~characterised in that it~~ comprises a plurality of concentric outer layers (2).

9. (Currently amended) Tube as claimed in claim 8 ~~wherein characterised in that~~ at least one of said outer layers (2) is constituted by a metallic reinforcing spiral.

10. (Currently amended) Tube as claimed in claim 8 ~~wherein characterised in that~~ at least one of said layers (2) is conductive.

11. (Currently amended) Tube as claimed in claim 3, ~~wherein the tube characterised in that it~~ comprises a plurality of concentric outer layers (2).

12. (Currently amended) Tube as claimed in claim 11 ~~wherein characterised in that~~ at least one of said outer layers (2) is constituted by a metallic reinforcing spiral.

13. (Currently amended) Tube as claimed in claim 11 ~~wherein characterised in that~~ at least one of said layers (2) is conductive.

14. (Currently amended) Tube as claimed in claim 4, ~~wherein the tube characterised in that it~~ comprises a plurality of concentric outer layers (2).

15. (Currently amended) Tube as claimed in claim 14 wherein ~~characterised in that~~ at least one of said outer layers (2) is constituted by a metallic reinforcing spiral.

16. (Currently amended) Tube as claimed in claim 14 wherein ~~characterised in that~~ at least one of said layers (2) is conductive.

17. (Currently amended) Method for producing tubes for conveying fluids constituted by an inner layer (3), made mainly of a material selected between MFA and PFA, said material being pigmented, and constituting a conduit (3a) for a fluid to be conveyed, and by at least an outer layer (5) for protection and reinforcement mounted externally to said inner layer (3), wherein the method ~~characterised in that it~~ comprises the following ~~operative steps~~:

at least partially defluorinating an outer surface of said inner layer, subjecting an the roughened outer surface (4) of said inner layer (3) to a cementing process;

subsequently applying) an adhesive (6) to said outer surface (4); and

coating said outer surface (4) with said at least one outer layer (5).

18. (Cancelled)

19. (Currently amended) Method as claimed in claim  
~~1817 wherein characterised in that~~ said cementing process  
takes place immersing the outer surface (4) of the inner layer  
(3) in a sodium and ammonia based bath.

20. (Currently amended) Method as claimed in claim  
~~19 wherein characterised in that~~ after being immersed in the  
bath, the outer surface (4) of the inner layer (3) is  
extracted from the bath and washed.

Claims 21-22. (Cancelled)